Doron L Grossman-Naples

Contact Information

273 Altgeld Hall
1409 W. Green Street (MC-382)
Urbana, IL 61801

doronlg2@illinois.edu
doronlgn.github.io

Research Interests

Algebraic topology, algebraic geometry, and homotopy theory.

Education

University of Illinois at Urbana Champaign

Ph.D Candidate, Mathematics (expected May 2025)

- Advisor: Charles Rezk

M.S. in Mathematics, August 2021

University of California at Berkeley

B.A. in Mathematics, May 2019

- Highest honors in mathematics
- Minor in physics

Papers

D. Grossman-Naples, *Finite Manifolds and Minimal Finite Models of Closed Surfaces* (2018). Available at http://math.uchicago.edu/~may/REU2018/.

Talks

Finite Spaces and Finite Models, Graduate Student Homotopy Theory Seminar, University of Illinois at Urbana-Champaign (September 2020).
Simplicial Localizations and How to Find Them, Graduate Student Homotopy Theory Seminar, University of Illinois at Urbana-Champaign (October 2021).

Seminar and Conference Organization

Graduate Student Homotopy Theory Seminar, University of Illinois at Urbana-Champaign, Fall 2021–Spring 2022

Higher Category Theory Reading Group, University of Illinois at Urbana-Champaign, Fall 2021–Spring 2022

Teaching experience

Fall	2019	Teaching Assistant, Calculus I
Spring	2020	Teaching Assistant, Multivariable Calculus
Fall	2021	Teaching Assistant, Linear Algebra with Computational Applications

Honors and Awards

2019	Valedictorian, Mathematics Department University of California at Berkeley
2019	Paul Chernoff Memorial Prize University of California at Berkeley

Graduate Coursework

- ❑ Algebraic Topology
- ❑ Abstract Algebra
- ❑ Commutative Algebra
- ❑ Real Analysis
- ❑ Complex Variables
- ❑ Smooth Manifolds
- ❑ Algebraic Number Theory
- ❑ Algebraic Geometry
- ❑ Functional Analysis
- ❑ Stable Homotopy Theory
- ❑ Simplicial Homotopy Theory
- ❑ Lie Groupoids

Relevant Skills

Languages: English, Italian.